

SECRET

OUT 66649

1

18 Dec 68 20 107

181948Z DEC 68
FM NPIC WASHDC
TO RHCOAAA/SAC OFFUTT AFB OMAHA NEB
RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB
RUCLFGA/100TH SRW OL 19 MCCOY AFB FLA
RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ
RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD
RUEAIIA/CIA WASH DC
RUEOJFA/DIA
RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF
RUEFHQA/HQS USAF
BT

S E C R E T CITE NPIC 5296.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI, DO; 100TH SRW FOR
CO, DCOI; HQ USAF FOR AFRDR COL. HARTLEY; DIA FOR DIAXX-2.
FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.
SUBJECT: EVALUATION OF GLASS LAMP MISSION G-057

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THIS MISSION IS
GOOD WHERE NOT DEGRADED BY ATMOSPHERICS. AS REPORTED ON MISSION
G-054, THERE IS A SLIGHT VARIATION IN IMAGE QUALITY ACROSS THE

DISTRIBUTION		
CY	OFFICE	PI
	FILE	
✓	GABLE SEC	
	PPR/AD	
	SECUR	
3/4	TSSC/ADSD	✓
	PSG/GG	
	RND	
	REPRO	
	ISAD	
	IEB	
	PRGD	
	SCIEN	
	WEST	
	EAST	
	M&S	
	PCM	
	IAS	5
	DIA-KK4	
	SPAD	
	DIA-AP	
	CMX	
		25X1

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FORMAT. THE IMAGERY NEAREST THE NON-DATA CHAMBER END IS OF BETTER
QUALITY THAN THAT RECORDED NEAREST THE DATA CHAMBER END. THE
RESOLUTION AND INTERPRETATION SUITABILITY ARE GOOD WHERE NOT
DEGRADED BY ATMOSPHERICS.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 10
WAS USED ON MISSION G-057, FLOWN ON 14 DECEMBER 1968. MODE 5
USED THROUGHOUT THE MISSION.

B. FILM TYPE 3401 WAS USED WITH AN EXPOSURE OF 1/360
AT F/10. THE MATERIAL WAS PROCESSED TO AN AVERAGE GAMMA OF 2.43. PROCESSING
WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

3. ORIGINAL NEGATIVES:

A. EXPOSURE: THE EXPOSURE IS ADEQUATE THROUGHOUT THE MISSION.
B. DENSITY AND CONTRAST: GENERALLY MEDIUM WHERE NOT AFFECTED
BY ATMOSPHERICS.

C. IMAGE DEGRADATIONS:

(1) 9R SIDE: NEEDLE-SHAPED FOG PATTERNS, ASSOCIATED WITH
CAMERA START-UP, ARE PRESENT ON FRAMES 1, 2, 6, AND 9. FORK-SHAPED
FOG PATTERNS 1.5 INCHES LONG, EMANATING FROM THE OUTBOARD EDGE AND
1.0 INCH FROM THE NON-DATA BLOCK END OF THE FRAME, ARE PRESENT ON

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FRAME 496. A PLUS DENSITY STREAK, 3.0 INCHES FROM THE INBOARD EDGE,
BEGINS NEAR THE CENTER OF FRAME 1429 AND EXTENDS HALF WAY THROUGH
FRAME 1430.

(2) 9L SIDE: A ROW OF MINUS DENSITY DOTS, 1.75 INCHES
APART, 5.5 INCHES FROM THE INBOARD EDGE, IS PRESENT ON APPROXIMATELY
THE FIRST 50 FRAMES. PROCESSING STREAKS ARE PRESENT ON THE LAST
HALF OF THE MISSION.

(3) BOTH SIDES: ROLLER CHATTER IS PRESENT ALONG THE
INBOARD EDGE ON BOTH SIDES.

GROUP 1
Excluded from automatic
downgrading and
declassification

SECRET

D. PHYSICAL DEGRADATIONS:

(1) BOTH SIDES: FIVE HEAT SPLICES AND ONE MANUFACTURING SPLICE ARE PRESENT ON THIS MISSION.

E. AUXILIARY DATA: THE EVENTS COUNTER WAS INOPERATIVE THROUGHOUT THE ENTIRE MISSION. ALL OTHER DATA RECORDING SYSTEMS FUNCTIONED PROPERLY.

F. THE LAST TITLED FRAME IS 2013.

4. POSITIVES: THE PRINTING AND PROCESSING ARE GOOD.

GP-1

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END OF MESSAGE